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| S2 | 35 | (COLIGNON.in. or CHRISTOPHE.in.) and (exhaust near3 gas) and (engine) and (cataly\$4) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/02 12:53 |
| S1 | 61 | (COLIGNON.in. or CHRISTOPHE.in.) and (exhaust near3 gas) and (engine) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/02 12:53 |
| S6 | 14632 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/02 12:56 |

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| S5 | 3524 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/02 12:56 |
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| S4 | | (COLIGNON.in. or CHRISTOPHE.in.) and (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/02 12:56 |
| S3 | 12 | (COLIGNON.in. or CHRISTOPHE.in.) and (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/02 12:56 |
| S8 | 318 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x") and ((NOx or (nitrogen near2 oxid\$4) or "NO.sub.x") near4 (trap or adsorb\$4 or absorb\$4 or cataly\$4)) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/02 13:14 |

| S13 | 22 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x") and ((NOx or (nitrogen near2 oxid\$4) or "NO.sub.x") near4 (trap or adsorb\$4 or absorb\$4 or cataly\$4)) and (purg\$4 or desulfat\$4 or desulfuriz\$4 or regenerat\$4) and ((maximum or minimum | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/02 13:35 |
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| | | or threshold) near4 temperature) and ((SOx or Sulfate or "SO.sub.x") near4 (purg\$4 or desulfat\$4 or desulfuriz\$4 or regenerat\$4)) | | | | |
| S15 | 98 | ("5722236" "6615577" "6637198" "7063642" "7127883" "7152397"). URPN. | USPAT | OR | ON | 2007/06/02 14:02 |

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| S18 | 41 | (("20020148218" "20030056498" | US-PGPU B; | OR | ON | 2007/06/02 14:04 |
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| S7 | 373 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x") | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/10 09:44 |
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| L1 | 319 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x" or sulf\$4) and ((NOx or (nitrogen near2 oxid\$4) or "NO.sub.x") near4 (trap or adsorb\$4 or absorb\$4 or cataly\$4)) and (purg\$4 or desulfat\$4 or desulfuriz\$4 or regenerat\$4) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/10 09:45 |
| S11 | | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x") and ((NOx or (nitrogen near2 oxid\$4) or "NO.sub.x") near4 (trap or adsorb\$4 or absorb\$4 or cataly\$4)) and (purg\$4 or desulfat\$4 or desulfuriz\$4 or regenerat\$4) and ((maximum or minimum or threshold) near4 temperature) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/10 09:46 |

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| S10 | 249 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x") and ((NOx or (nitrogen near2 oxid\$4) or "NO.sub.x") near4 (trap or adsorb\$4 or absorb\$4 or cataly\$4)) and (purg\$4 or desulfat\$4 or desulfuriz\$4 or regenerat\$4) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/10 09:46 |
| L6 | 30 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x") and ((NOx or (nitrogen near2 oxid\$4) or "NO.sub.x") near4 (trap or adsorb\$4 or absorb\$4 or cataly\$4)) and (purg\$4 or desulfat\$4 or desulfuriz\$4 or regenerat\$4) and ((maximum or minimum or threshold) near4 temperature) and (60/295-297.ccls.) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/10 09:46 |

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| S12 | 68 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x") and ((NOx or (nitrogen near2 oxid\$4) or "NO.sub.x") near4 (trap or adsorb\$4 or absorb\$4 or cataly\$4)) and (purg\$4 or desulfat\$4 or desulfuriz\$4) and ((maximum or minimum or threshold) near4 temperature) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/10 09:47 |
| S9 | 141 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x") and ((NOx or (nitrogen near2 oxid\$4) or "NO.sub.x") near4 (trap or adsorb\$4 or absorb\$4 or cataly\$4)) and (purg\$4 or desulfat\$4 or desulfuriz\$4) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/10 09:47 |
| L11 | 8 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x") and ((NOx or (nitrogen near2 oxid\$4) or "NO.sub.x") near4 (trap or adsorb\$4 or absorb\$4 or cataly\$4)) and (purg\$4 or desulfat\$4 or desulfuriz\$4) and ((maximum or minimum or threshold) near4 temperature) and (60/295-297.ccls. and 60/286.ccls.) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/10 09:47 |

| L2 | 570 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x" or sulf\$4) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/10 09:47 |
|-----|-----|--|---|----|----|---------------------|
| L10 | 62 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x" or sulf\$4) and (60/295-297. ccls. and 60/286.ccls.) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/10 09:48 |
| L8 | 41 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x") and ((NOx or (nitrogen near2 oxid\$4) or "NO.sub.x") near4 (trap or adsorb\$4 or absorb\$4 or cataly\$4)) and (purg\$4 or desulfat\$4 or desulfuriz\$4 or regenerat\$4) and (60/295-297.ccls. and 60/286.ccls.) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/10 09:48 |

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| L7 | 94 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x") and ((NOx or (nitrogen near2 oxid\$4) or "NO.sub.x") near4 (trap or adsorb\$4 or absorb\$4 or cataly\$4)) and (purg\$4 or desulfat\$4 or desulfuriz\$4 or regenerat\$4) and (60/295-297.ccls.) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/10 09:48 | | | | |
| L12 | 43 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x" or sulf\$4) and ((NOx or (nitrogen near2 oxid\$4) or "NO.sub.x") near4 (trap or adsorb\$4 or absorb\$4 or cataly\$4)) and (purg\$4 or desulfat\$4 or desulfuriz\$4 or regenerat\$4) and ((lean and rich) near4 (switch\$4 or alternat\$4)) and (60/272-324.ccls.) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/10 09:50 | | | | |
| L5 | 227 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x" or sulf\$4) and ((NOx or (nitrogen near2 oxid\$4) or "NO.sub.x") near4 (trap or adsorb\$4 or absorb\$4 or cataly\$4)) and (purg\$4 or desulfat\$4 or desulfuriz\$4 or regenerat\$4) and (60/272-324.ccls.) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/10 09:50 | | | | |

| L3 | 142 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x" or sulf\$4) and (60/295-297. ccls.) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON . | 2007/06/10 09:50 |
|-----|-----|---|---|----|------|---------------------|
| L4 | 110 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x" or sulf\$4) and ((NOx or (nitrogen near2 oxid\$4) or "NO.sub.x") near4 (trap or adsorb\$4 or absorb\$4 or cataly\$4)) and (purg\$4 or desulfat\$4 or desulfuriz\$4 or regenerat\$4) and (60/295-297.ccls.) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/10 09:51 |
| L14 | 28 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x" or sulf\$4) and ((NOx or (nitrogen near2 oxid\$4) or "NO.sub.x") near4 (trap or adsorb\$4 or absorb\$4 or cataly\$4)) and (purg\$4 or desulfat\$4 or desulfuriz\$4 or regenerat\$4) and ((lean and rich) near4 (switch\$4 or alternat\$4)) and (60/295-297.ccls.) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/10 09:56 |

| L13 | 36 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x" or sulf\$4) and ((lean and rich) near4 (switch\$4 or alternat\$4)) and (60/295-297.ccls.) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/06/10 09:56 |
|-----|----|--|---|----|----|---------------------|
| L9 | 14 | (exhaust near3 gas) and (engine) and (cataly\$4) and (exhaust near4 temperature) and (correct\$4) and (SOx or Sulfate or "SO.sub.x") and ((NOx or (nitrogen near2 oxid\$4) or "NO.sub.x") near4 (trap or adsorb\$4 or absorb\$4 or cataly\$4)) and (purg\$4 or desulfat\$4 or desulfuriz\$4) and (60/295-297.ccls. and 60/286.ccls.) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | ÓR | ON | 2007/06/10 09:56 |

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